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FORM PTO-1449				
FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				
		ATTY. DOCKET NO. 1085.005000/RWE/ALS	APPLICATION NO. 09/674,733	
		APPLICANT Szardenians et al.		
		5 371 Date: 05/02/01	GROUP 1614	

U. S. PATENT DOCUMENTS

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	1 Bagutti, C. et al., "[¹¹¹ In]-DTPA-Labeled Analogues of α -Melanocyte-Stimulating Hormone for Melanoma Targeting: Receptor Binding <i>In Vitro</i> and <i>In Vivo</i> ." <i>Int. J. Cancer</i> 58:749-755, Wiley-Liss, Inc. (1994).

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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Bhardwaj, R.S. et al., "Pro-Opiomelanocortin-Derived Peptides Induce IL-10 Production in Human Monocytes," J. Immunol. 156:2517-2521, The American Association of Immunologists (1996).
	AS	2	Cone, R.D. et al., "The Melanocortin Receptors: Agonists, Antagonists, and the Hormonal Control of Pigmentation," Recent Prog. Horm. Res. 51:287-317, The Endocrine Society (1996).
	AT	2	De Wied, D. and Jolles, J., "Neuropeptides Derived From Pro-Opicocortin: Behavioral, Physiological, and Neurochemical Effects," Physiol. Rev. 62:976-1059, The American Physiological Society (1982).

EXAMINER

DATE CONSIDERED

1-29-04

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
<i>G</i>	AR	1	Eberle, A.N., "Structure-Activity Relationships of the Melanotropins," in <i>The Melanotropins: Chemistry, Physiology and Mechanisms of Action</i> , Eberle, A.N., Ed., S. Karger Publishing, Basel, Switzerland, pp.333-379 (1988).			
	AS	2	Gonindard, C. et al., "The Administration of an α -MSH Analogue Reduces the Serum Release of IL-1 α and TNF α Induced by the Injection of a Sublethal Dose of Lipopolysaccharides in the BALB/c Mouse." <i>Pigment Cell Res.</i> 9:148-153, Munksgaard (1996).			
<i>D</i>	AT	3	Gruber, K.A. and Callahan, M.F., "ACTH-(4-10) through ν -MSH: evidence for a new class of central autonomic nervous system-regulating peptides." <i>Am. J. Physiol.</i> 257:R681-R694, The American Physiological Society (1989).			

EXAMINER	<i>R</i>	DATE CONSIDERED 1/24/04
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	Hartmeyer, M. et al., "Human Dermal Microvascular Endothelial Cells Express the Melanocortin Receptor Type 1 and Produce Increased Levels of IL-8 upon Stimulation with α -Melanocyte-Stimulating Hormone," <i>J. Immunol.</i> 159:1930-1937, The American Association of Immunologists (August 1997).			
	AS	4	Hnatowich, M.R. et al., "ACTH receptors in nervous tissue. High affinity binding-sequestration of [^{111}In](Phe Nle^4)ACTH 1-24 in homogenates and slices from rat brain," <i>Can. J. Physiol. Pharmacol.</i> 67:568-576, National Research Council of Canada (1989).			
	AT	4	Hol, E.M. et al., "Protection by an ACTH Nle^4 Analogue Against the Toxic Effects of Cisplatin and Taxol on Sensory Neurons and Glial Cells In Vitro," <i>J. Neurosci. Res.</i> 39:178-185, Wiley-Liss, Inc. (1994).			
EXAMINER 				DATE CONSIDERED <i>1/21/04</i>		

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	S	Hruby, V.J. et al., "Cyclic Lactam α -Melanotropin Analogues of Ac-Nle ⁴ - α -Mela-cyclo[Asp ⁵ ,D-Phe ⁷ ,Lys ¹⁰] α -Melanocyte-Stimulating Hormone (4-10)-NH ₂ with Bulky Aromatic Amino Acids at Position 7 Show High Antagonist Potency and Selectivity at Specific Melanocortin Receptors," J. Med. Chem. 38:3454-3461, American Chemical Society (1995).
	AS	S	Klein, M.C. et al., "Pressor and Cardioaccelerator Effects of Gamma MSH and Related Peptides," Life Sci. 36:769-775, Pergamon Press (1985).
	AT	S	Knittel, J.J. et al., "Structure-Activity Studies of Highly Potent Cyclic (Cys ⁴ ,Cys ¹⁰)Melanotropin Analogues," J. Med. Chem. 26:125-129, American Chemical Society (1983).

EXAMINER 	DATE CONSIDERED 124-04
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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR- 6	Lichtensteiger, W. et al., "Pre- and Postnatal Ontogeny of [¹²⁵ I]Nle ⁶ - ⁹ -Phe ⁷ - ¹⁰ -MSH Binding Sites in Rat Brain," Ann. N.Y. Acad. Sci. 680:652-654, New York Academy of Sciences (1993).
	AS 6	Lin, S.-Y., et al. "A γ -Melanocyte Stimulating Hormone-like Peptide Causes Reflex Natriuresis After Acute Unilateral Nephrectomy," Hypertension 10:619-627, American Heart Association (1987).
	AT 6	Murphy, J.R. et al., "Genetic construction, expression and melanoma-selective cytotoxicity of a diphtheria toxin-related α -melanocyte-stimulating hormone fusion protein," Proc. Natl. Acad. Sci. USA 83:8258-8262, National Academy of Sciences (1986).

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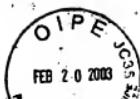
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	1	Prusis, P. et al., "A Three Dimensional Model for the Interaction of MSH with the Melanocortin-1 Receptor," <i>Biochem. Biophys. Res. Commun.</i> 210:205-210, Academic Press, Inc. (1995).
	AS	2	Sawyer, T.K. et al., "4-Norleucine, 7- α -phenylalanine- α -melanocyte-stimulating hormone: A highly potent α -melanotropin with ultralong biological activity," <i>Proc. Natl. Acad. Sci. USA</i> 77:5754-5758, National Academy of Sciences (1980).
	AT	2	Sawyer, T.K. et al., "[half-Cys ⁶ ,half-Cys ¹⁰]- α -Melanocyte-stimulating hormone: A cyclic α -melanotropin exhibiting superagonist biological activity," <i>Proc. Natl. Acad. Sci. USA</i> 79:1751-1755, National Academy of Sciences (1982).

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AL							Yes No
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AN							Yes No
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	AR	8	Tatro, J.B. et al., "Interaction of an α -Melanocyte-stimulating Hormone-Diphtheria Toxin Fusion Protein with Melanotropin Receptors in Human Melanoma Metastases," <i>Canc. Res.</i> 52:2545-2548, American Association for Cancer Research (1992).
	AS	8	Thielemans, K.M.M., "Immunotherapy with Bispecific Antibodies," <i>Verh. K. Acad. Geneeskd. Belg.</i> 57:229-248, <i>Falcis Der Academiein</i> (1995).
	AT	8	Wiegant, V.M. et al., "Intracerebroventricular ACTH Activates the Pituitary-Adrenal System: Dissociation from a Behavioral Response," <i>Life Sci.</i> 25:1791-1796, <i>Pergamon Press</i> (1979).

EXAMINER 	DATE CONSIDERED 1-26-04
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA1		5,731,408	03/24/98	Hadley, M.E. et al.	530	317	04/10/95
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AM1							Yes No
AN1							Yes No
AO1							Yes No
AP1							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>D</i>	AR	1	Schiöth, H.B. et al., "Binding of cyclic and linear MSH core peptides to the melanocortin receptor subtypes," European Journal of Pharmacology 319:369-373, Elsevier Science B.V. (February 1997).
<i>D</i>	AS	1	Szardenings, M. et al., "Phage Display Selection on Whole Cells Yields a Peptide Specific for Melanocortin Receptor 1," J. Biol. Chem. 272: 27943-27948, The American Society for Biochemistry and Molecular Biology, Inc. (October 1997).
	AT	1	

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	AR	1	Schlöth, H.B. et al., "Binding of cyclic and linear MSH core peptides to the melanocortin receptor subtypes," <i>European Journal of Pharmacology</i> 319:369-373, Elsevier Science B.V. (February 1997).				
	AS	1	Szardenings, M. et al., "Phage Display Selection on Whole Cells Yields a Peptide Specific for Melanocortin Receptor 1," <i>J. Biol. Chem.</i> 272: 27943-27948, The American Society for Biochemistry and Molecular Biology, Inc. (October 1997).				
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